

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
 NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS 4 Apr 09 ZDB will be removed from STN
 NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
 NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
 NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
 NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
 NEWS 9 Jun 03 New e-mail delivery for search results now available
 NEWS 10 Jun 10 MEDLINE Reload
 NEWS 11 Jun 10 PCTFULL has been reloaded
 NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
 NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
 saved answer sets no longer valid
 NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
 NEWS 15 Jul 30 NETFIRST to be removed from STN
 NEWS 16 Aug 08 CANCERLIT reload
 NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
 NEWS 18 Aug 08 NTIS has been reloaded and enhanced
 NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
 now available on STN
 NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
 NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
 NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
 NEWS 23 Sep 03 JAPIO has been reloaded and enhanced

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
 CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
 AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
 NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 19:32:57 ON 15 SEP 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 19:33:08 ON 15 SEP 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 13 SEP 2002 HIGHEST RN 450944-74-8
 DICTIONARY FILE UPDATES: 13 SEP 2002 HIGHEST RN 450944-74-8

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

L1 STRUCTURE UPLOADED

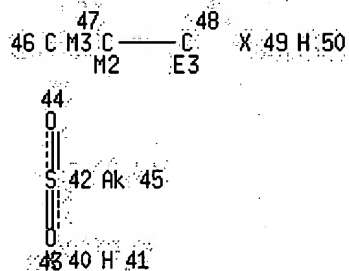
=> d 11

L1 HAS NO ANSWERS

L1 STR

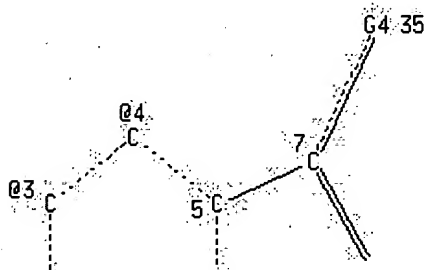
M233 38

Page 1-B

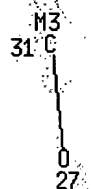


Page 1-D

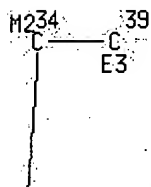
G1 026



Page 1-E

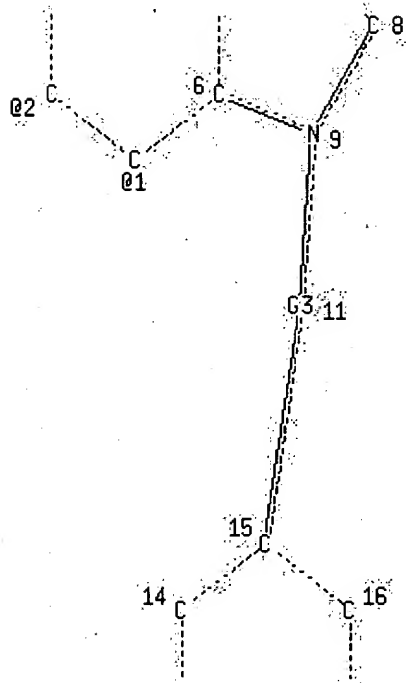


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Page 2-B

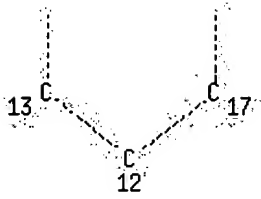
010.0 M1



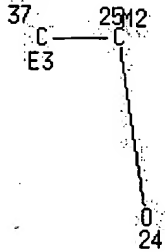
Page 2-E



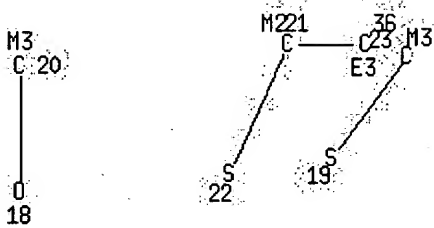
Page 3-B



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Page 4-E

VAR G1=40/41/18/19/22/24
 VAR G3=42/45
 VAR G4=46/47/49/50/27/28/29/30
 VPA 10-1/2/3/4 S
 VPA 26-1/2/3/4 S
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HCOUNT	IS E3	AT	36
HCOUNT	IS E3	AT	37
HCOUNT	IS E3	AT	38
HCOUNT	IS E3	AT	39
HCOUNT	IS M3	AT	46
HCOUNT	IS M2	AT	47
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NSPEC  IS C      AT 35
NSPEC  IS C      AT 36
NSPEC  IS C      AT 37
NSPEC  IS C      AT 38
NSPEC  IS C      AT 39
DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT 10 18 19 20 21 22 23 24 25 27 28 29 30 31 32 33 34
          36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
DEFAULT ECLEVEL IS LIMITED

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GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 50

STEREO ATTRIBUTES: NONE

```

```

=> s 11
SAMPLE SEARCH INITIATED 19:44:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 19618 TO ITERATE

```

```

5.1% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
                        BATCH **COMPLETE**
PROJECTED ITERATIONS: 383995 TO 400725
PROJECTED ANSWERS: 0 TO 0

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```

L2          0 SEA SSS SAM L1

```

```

=>
L3          STRUCTURE UPLOADED

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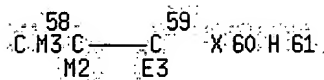
=> d 13
L3 HAS NO ANSWERS
L3          STR

```

57

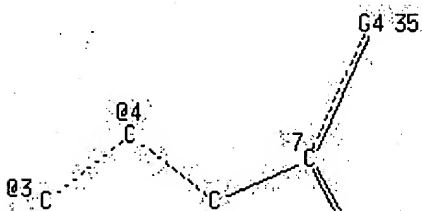
Page 1-B

Hu 62

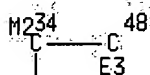
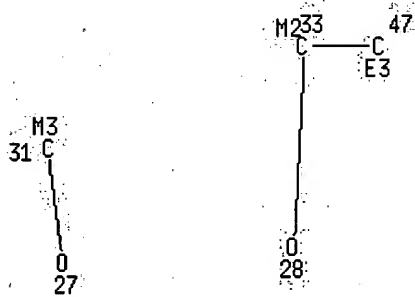


Page 1-C

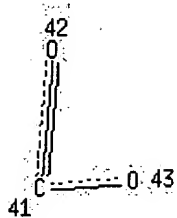
G1 026



Page 1-D

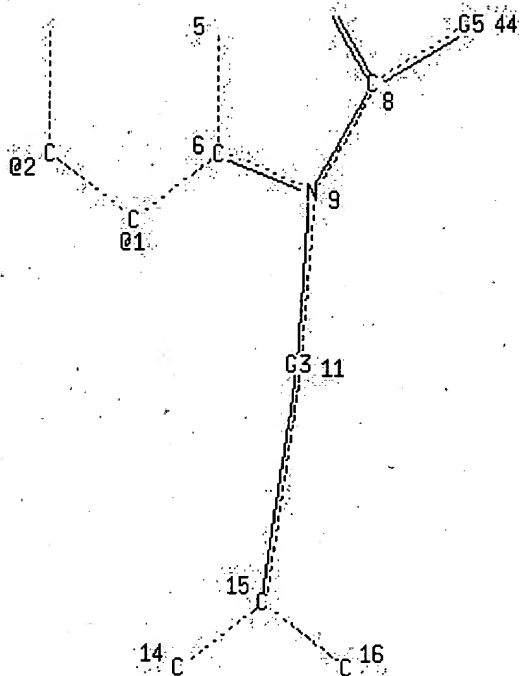


Page 2-A

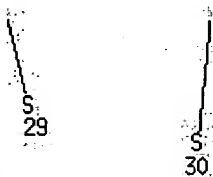


Page 2-C

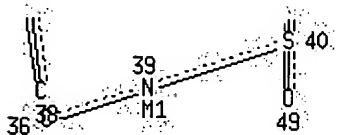
@10 O.M1



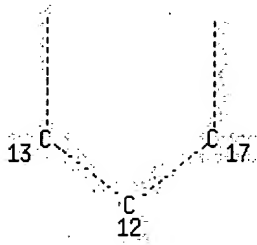
Page 2-D



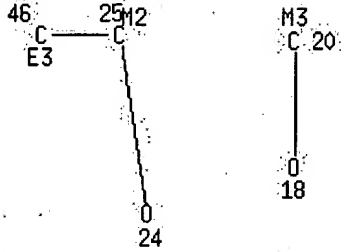
Page 3-A



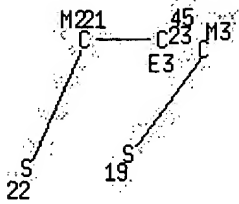
Page 3-C



Page 3-D



Page 4-C



Page 4-D

VAR G1=51/52/18/19/22/24
 VAR G3=53/56
 VAR G4=57/58/60/61/27/28/29/30
 VAR G5=62/36/41
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 VPA 26-1/2/3/4 S
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DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 10 18 19 20 21 22 23 24 25 27 28 29 30 31 32 33 34
 36 37 38 39 40 41 42 43 45 46 47 48 49 50 51 52 53 54 55 56 57
 58 59 60 61 62

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 62

STEREO ATTRIBUTES: NONE

=> s 13

SAMPLE SEARCH INITIATED 19:47:29 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 16315 TO ITERATE

6.1% PROCESSED 1000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 318666 TO 333934

PROJECTED ANSWERS: 0 TO 0

L4 '0 SEA SSS SAM L3

=> s 13 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 139.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 19:47:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 323719 TO ITERATE

88.2% PROCESSED 285461 ITERATIONS

7 ANSWERS

100.0% PROCESSED 323719 ITERATIONS
SEARCH TIME: 00.00.29

7 ANSWERS

L5 7 SEA SSS FUL L3

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

149.40

149.61

FILE 'HCAPLUS' ENTERED AT 19:48:14 ON 15 SEP 2002
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FILE COVERS 1907 - 15 Sep 2002 VOL 137 ISS 12
FILE LAST UPDATED: 13 Sep 2002 (20020913/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s 15

L6 4 L5

=> s 16 and kettle, j?/au

32 KETTLE, J?/AU

L7 0 L6 AND KETTLE, J?/AU

=> s 16 and faull, a?/au

32 FAULL, A?/AU

L8 0 L6 AND FAULL, A?/AU

=> d 16, ibib abs fhitr, 1-4

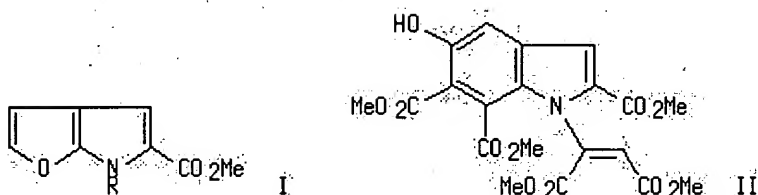
L6 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2002 ACS

Full
Text

Citing
References

ACCESSION NUMBER: 1999:218959 HCAPLUS

DOCUMENT NUMBER: 130:325062
 TITLE: Cycloaddition reactions of furo[2,3-b]pyrroles
 AUTHOR(S): Sleziak, Robert; Krutosikova, Alzbeta
 CORPORATE SOURCE: Department of Organic Chemistry, Faculty of Chemical
 Technology, Slovak University of Technology,
 Bratislava, SK-812 37, Slovakia
 SOURCE: Collection of Czechoslovak Chemical Communications
 (1999), 64(2), 321-328
 CODEN: CCCCCK; ISSN: 0010-0765
 PUBLISHER: Institute of Organic Chemistry and Biochemistry,
 Academy of Sciences of the Czech Republic
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 130:325062
 GI



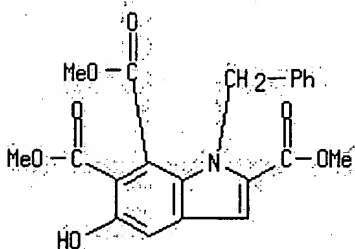
AB Reactions of furo[2,3-b]pyrroles (I; R = H, Me, CH₂Ph, CH₂OMe) with di-Me butynedioate and Et propynoate were investigated. The reaction course is influenced by the substituents on the fused system. Products of [4+2]cycloaddn. to the furan ring, leading to indole derivs., have been obsd. In the case of the reaction of I (R = H) with di-Me butynedioate, products of [4+2]cycloaddn. to the furan ring as well as of Michael addn. to the pyrrole ring, leading to N-substituted indole deriv. II have been obsd.

IT 223715-21-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (cycloaddn. reactions of furo[2,3-b]pyrroles)

RN 223715-21-7 HCAPLUS

CN 1H-Indole-2,6,7-tricarboxylic acid, 5-hydroxy-1-(phenylmethyl)-, trimethyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2002 ACS

Full Text Citing References

ACCESSION NUMBER: 1998:568589 HCAPLUS
 DOCUMENT NUMBER: 129:175653
 TITLE: Preparation of benzenesulfonamides as elastase inhibitors
 INVENTOR(S): Nakae, Takahiko; Kato, Masashi; Fujita, Takehito;
 Kawabata, Kazuhito; Ohno, Hiroyuki
 PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan

SOURCE: U.S., 150 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5795890	A	19980818	US 1996-718722	19960924
JP 09165365	A2	19970624	JP 1995-272058	19950927
JP 09278742	A2	19971028	JP 1996-271341	19960924
JP 2881688	B2	19990412		
JP 10251218	A2	19980922	JP 1998-111630	19960924
AU 9665837	A1	19970410	AU 1996-65837	19960925
AU 714025	B2	19991216		
ZA 9608069	A	19970520	ZA 1996-8069	19960925
NO 9604045	A	19970401	NO 1996-4045	19960926
CA 2186665	AA	19970328	CA 1996-2186665	19960927
US 5998410	A	19991207	US 1998-31192	19980226
PRIORITY APPLN. INFO.:			JP 1995-272058	A 19950927
			JP 1996-45663	A 19960224
			JP 1996-271341	A3 19960924
			US 1996-718722	A3 19960924

OTHER SOURCE(S): MARPAT 129:175653
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

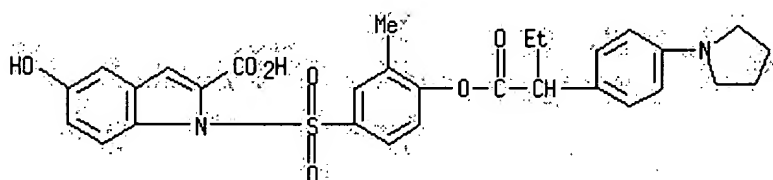
AB The title compds. [I; R1 = C1-8 alkyl, C1-8 alkoxy, OH, etc.; n = 0-5; D = carbocyclic ring; R2, R3 = H, C1-4 alkyl, C1-4 alkoxy, etc.; R2R3 = C1-4 alkylidene; CR2R3 = C3-7 cycloalkyl; R4 = C1-4 alkyl, C1-4 alkoxy; two of R4, attached to the benzene nucleus at ortho positions relative to each other, represent C3-5 alkylene; m = 0-4; R5, R6 = H, OH, C1-8 alkyl, etc.; NR5R6 = heterocyclyl] and their salts, which have an inhibitory effect on elastase and therefore are useful in the prevention and/or the treatment of emphysema, rheumatoid arthritis, atherosclerosis, adult respiratory distress syndrome (ARDS), glomerular nephritis, myocardial infarction, idiopathic ulcerative colitis, and gingivitis, were prepd. and formulated. Thus, treatment of the ester II (prepn. described) with CF3CO2H in CH2Cl2/MeOPh afforded the title compd. III.HCl which showed IC50 of 0.055 μ M against human polymorphonuclear elastase.

IT 190252-50-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of benzenesulfonamides as elastase inhibitors)

RN 190252-50-7 HCAPLUS

CN 1H-Indole-2-carboxylic acid, 5-hydroxy-1-[[3-methyl-4-[1-oxo-2-[4-(1-pyrrolidinyl)phenyl]butoxy]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



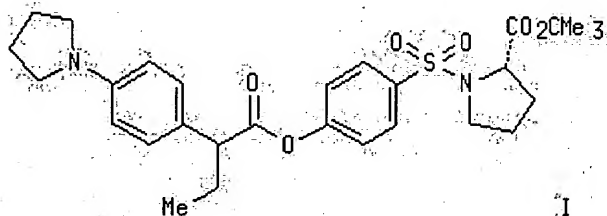
L6 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2002 ACS

Full Text	Citing References
--------------	----------------------

ACCESSION NUMBER: 1997:390578 HCAPLUS
 DOCUMENT NUMBER: 127:5005
 TITLE: Preparation of sulfamoylphenyl alkanoates as elastase inhibitors
 INVENTOR(S): Nakae, Takahiko; Kato, Masashi; Fujita, Takehito; Kawabata, Kazuhito; Ohno, Hiroyuki
 PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 270 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 769498	A1	19970423	EP 1996-307048	19960927
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 09165365	A2	19970624	JP 1995-272058	19950927
JP 09278742	A2	19971028	JP 1996-271341	19960924
JP 2881688	B2	19990412		
JP 10251218	A2	19980922	JP 1998-111630	19960924
AU 9665837	A1	19970410	AU 1996-65837	19960925
AU 714025	B2	19991216		
ZA 9608069	A	19970520	ZA 1996-8069	19960925
NO 9604045	A	19970401	NO 1996-4045	19960926
CA 2186665	AA	19970328	CA 1996-2186665	19960927
PRIORITY APPLN. INFO.:			JP 1995-272058	A 19950927
			JP 1996-45663	A 19960224
			JP 1996-271341	A3 19960924

OTHER SOURCE(S): MARPAT 127:5005
 GI



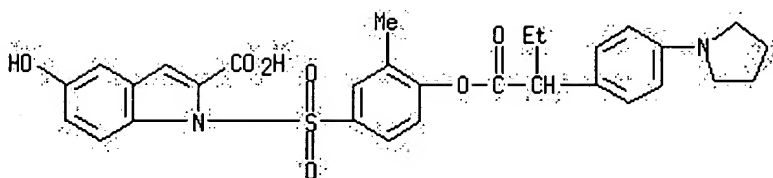
AB R1CR2R3CO2ZSO2NR5R6 [I; R1 = (un)substituted carbocyclic or heterocyclic ring; R2,R3 = H, halo, alkyl, Ph, etc.; R2R3 = alkylidene or atoms to complete a carbocyclic ring; R5,R6 = H, OH, alkyl, etc.; NR5R6 = heterocyclyl; Z = (un)substituted 1,4-phenylene] were prepd. Thus, (S)-4-(tert-butoxycarbonyl-1-pyrrolidinylsulfonyl)-2-methylphenol was esterified by 2-(4-pyrrolidinophenyl)butanoic acid (prepn. each given) to give title compd. II. Data for biol. activity of I were given.

IT 190252-50-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of sulfamoylphenyl alkanoates as elastase inhibitors)

RN 190252-50-7 HCAPLUS

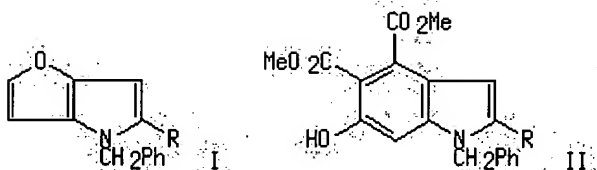
CN 1H-Indole-2-carboxylic acid, 5-hydroxy-1-[[3-methyl-4-[1-oxo-2-[4-(1-pyrrolidinyl)phenyl]butoxy]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



L6 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2002 ACS

Full Text Citing References

ACCESSION NUMBER: 1992:651251 HCAPLUS
 DOCUMENT NUMBER: 117:251251
 TITLE: Substituted 4-benzylfuro[3,2-b]pyrroles
 AUTHOR(S): Krutosikova, Alzbeta; Hanes, Mikulas
 CORPORATE SOURCE: Dep. Org. Chem., Slovak Tech. Univ., Bratislava, 812 37, Czech.
 SOURCE: Collect. Czech. Chem. Commun. (1992), 57(7), 1487-94
 CODEN: CCCCAK; ISSN: 0010-0765
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI



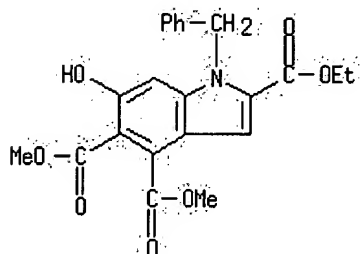
AB Prepn. of 4-benzylfuro[3,2-b]pyrroles is described and their reactions with selected dienophiles are discussed. Utilization of 4-acetylfuro[3,2-b]pyrroles for prepn. of 4-substituted derivs. of furo[3,2-b]pyrrole and the synthesis of Et 4-(2- and 4-nitrobenzyl)furo[3,2-b]pyrrole-5-carboxylates for fusing to a 1,4-diazepine system is presented. Thus, Et furo[3,2-b]pyrrole-5-carboxylate reacted with PhCH2Cl to give the benzyl deriv. I (R = CO2Et). I (R = CO2Et) was hydrolyzed to give the acid; and the acid was further decarboxylated. I (R = CO2Et, H) underwent cycloaddn. to MeO2CC=CCO2Me to give indoledicarboxylates II.

IT 144658-74-2P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

RN 144658-74-2 HCAPLUS

CN 1H-Indole-2,4,5-tricarboxylic acid, 6-hydroxy-1-(phenylmethyl)-, 2-ethyl 4,5-dimethyl ester (9CI) (CA INDEX NAME)



=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

21.83

171.44

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

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-2.48

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

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FILE 'REGISTRY' ENTERED AT 19:33:08 ON 15 SEP 2002

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 STRUCTURE UPLOADED

L4 0 S L3

L5 7 S L3 FULL

FILE 'HCAPLUS' ENTERED AT 19:48:14 ON 15 SEP 2002

L6 4 S L5

L7 0 S L6 AND KETTLE, J?/AU

L8 0 S L6 AND FAULL, A?/AU

FILE 'CAOLD' ENTERED AT 19:49:18 ON 15 SEP 2002

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L9 0 L5

=> log y

COST IN U.S. DOLLARS

SINCE FILE

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FULL ESTIMATED COST

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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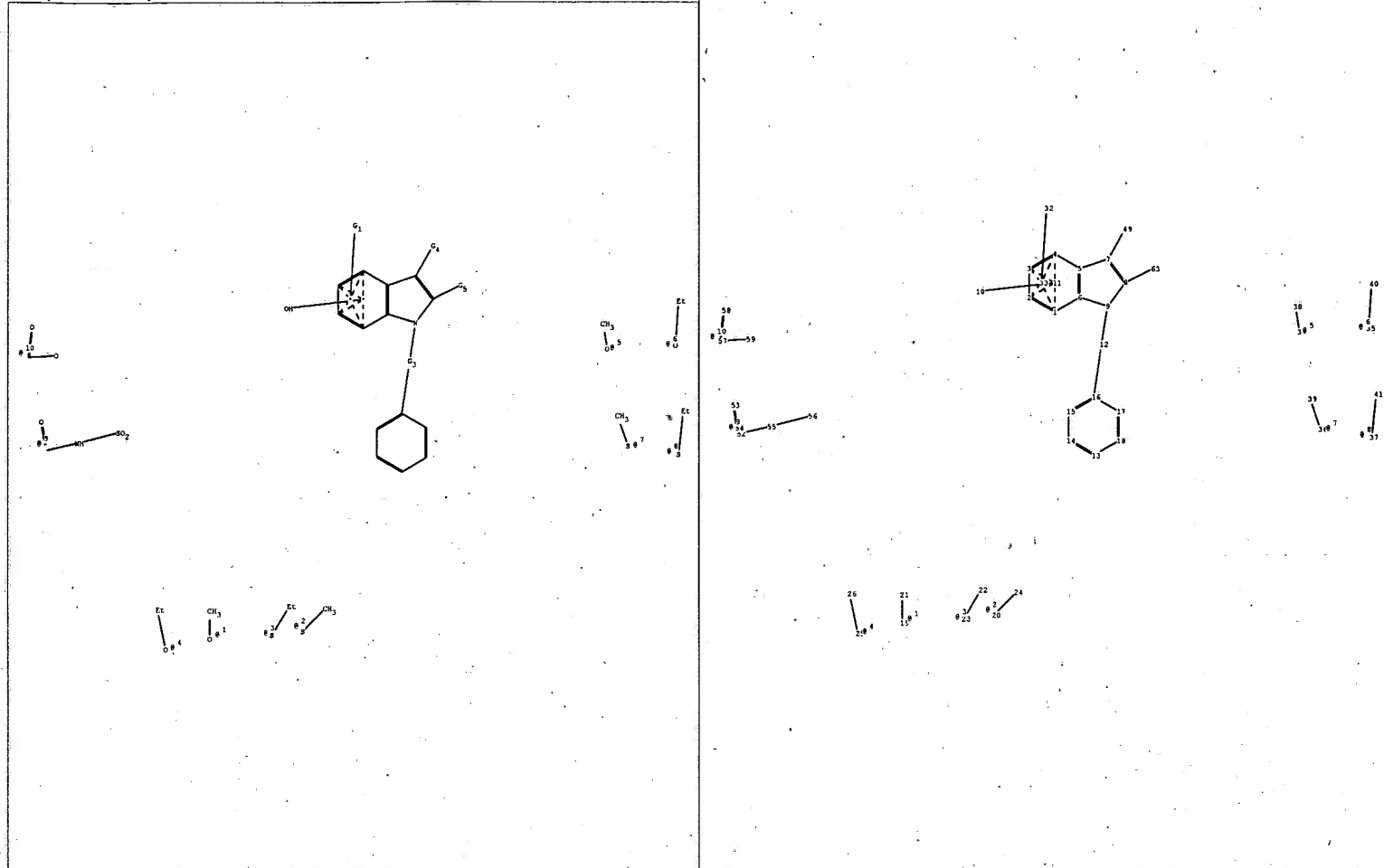
CA SUBSCRIBER PRICE

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-2.48

STN INTERNATIONAL LOGOFF AT 19:49:31 ON 15 SEP 2002

C:\stnweb\1.str



chain nodes :

10 12 19 20 21 22 23 24 25 26 32 34 35 36 37 38 39 40 41 49 52 53
54 55 56 57 58 59 63

ring nodes :

1 2 3 4 5 6 7 8 9 13 14 15 16 17 18

chain bonds :

7-49 8-63 9-12 12-16 19-21 20-24 22-23 25-26 34-38 35-40 36-39 37-41 52-55
53-54 55-56 57-59 57-58

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 13-14 13-18 14-15 15-16 16-17
17-18

exact/norm bonds :

6-9 7-49 8-9 8-63 9-12 12-16 52-55 53-54 55-56 57-59 57-58

exact bonds :

5-7 7-8 19-21 20-24 22-23 25-26 34-38 35-40 36-39 37-41

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-18 14-15 15-16 16-17 17-18

isolated ring systems :

containing 1 : 13 :

G1:X,H,[*1],[*2],[*3],[*4]

G3:SO2,Ak

G4:CH3,Et,X,H,[*5],[*6],[*7],[*8]

G5:Hy,[*9],[*10]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 32:CLASS 33:CLASS
34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 49:CLASS
52:CLASS

53:CLASS 54:CLASS 55:CLASS 56:CLASS 57:CLASS 58:CLASS 59:CLASS 63:CLASS